IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

:

Ryoichi NAGATA

Attn: BOX PCT

Serial No. [NEW]

Docket No. 2001-1906A

Filed December 28, 2001

PREPARATION FOR NASAL ABSORPTION:

OF INSULIN

[Corresponding to PCT/JP01/03642

Filed April 26, 2001]

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEE FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975.

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents, Washington, DC 20231

Sir:

In the interest of reducing PTO filing fees, please amend the present application as follows:

IN THE CLAIMS:

Please amend claims 3-8 and 10 as follows:

- 3. (Amended) The formulation according to Claim 1, in which the porous, spherical calcium carbonate has a particle diameter in the substantial range of 18-115 μ m.
- 4. (Amended) The formulation according to Claim 1, in which the porous, spherical calcium carbonate has a particle diameter in the substantial range of 20-32 μ m.
- 5. (Amended) The formulation according to Claim 1, in which the porous, spherical calcium carbonate has a particle diameter in the substantial range of 20-32 μ m, and a median particle diameter of 22 μ m or greater and less than 30 μ m

- 6. (Amended) The formulation according to Claim 1, in which the porous, spherical calcium carbonate has a particle diameter in the range of 20-32 μ m.
- 7. (Amended) The formulation according to Claim 1, in which the insulin content of the component composed of insulin and porous, spherical calcium carbonate is 0.1-50% by weight based on the total weight of the component.
- 8. (Amended) The formulation according to Claim 1, in which the porous, spherical calcium carbonate has a relative surface area of 1.5 m²/g or greater.
- 10. (Amended) The formulation according to Claim 1, in which the insulin content of the component composed of insulin and calcium carbonate is 0.1-50% by weight based on the total weight of the component.

REMARKS

The above amendment is presented to eliminate multiple dependent claims, thereby reducing PTO filing fees.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is entitled "Version with Markings to Show Changes Made".

Favorable action on the merits is now requested.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Claims 3-8 and 10 have been amended as follows:

- 3. (Amended) The formulation according to Claim 1 [or 2], in which the porous, spherical calcium carbonate has a particle diameter in the substantial range of 18-115 μ m.
- 4. (Amended) The formulation according to Claim 1 [or 2], in which the porous, spherical calcium carbonate has a particle diameter in the substantial range of 20-32 μ m.
- 5. (Amended) The formulation according to Claim 1 [or 2], in which the porous, spherical calcium carbonate has a particle diameter in the substantial range of 20-32 μ m, and a median particle diameter of 22 μ m or greater and less than 30 μ m.
- 6. (Amended) The formulation according to Claim 1 [or 2], in which the porous, spherical calcium carbonate has a particle diameter in the range of 20-32 μ m.
- 7. (Amended) The formulation according to [any of Claims 1-6] Claim 1, in which the insulin content of the component composed of insulin and porous, spherical calcium carbonate is 0.1-50% by weight based on the total weight of the component.
- 8. (Amended) The formulation according to [any of Claims 1-7] Claim 1, in which the porous, spherical calcium carbonate has a relative surface area of 1.5 m²/g or greater.
- 10. (Amended) The formulation according to [any of Claims 1-9] Claim 1, in which the insulin content of the component composed of insulin and calcium carbonate is 0.1-50% by weight based on the total weight of the component.